

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:54
L2	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:54
L3	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:54

L4	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:54
L5	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:54
L6	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:54
L7	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:54

L8	292	L1 or L2 or L3 or L4 or L5 or L6 or L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L9	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:54
L10	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:54
L11	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L12	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:54
L13	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:54
L14	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:54
L15	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:54
L16	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L17	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L18	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L19	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:54
L20	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L21	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L22	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L23	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L24	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L25	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L26	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L27	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:54
L28	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:54
L29	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:54
L30	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L31	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:54
L32	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:54
L33	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:54
L34	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:54
L35	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L36	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L37	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L38	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:54
L39	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L40	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L41	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L42	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L43	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L44	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:54
L45	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:54

L46	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:54
L47	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:54
L48	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:54
L49	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:54
L50	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:54
L51	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:54
L52	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039"	USPAT	OR	OFF	2009/09/12 14:54

		"5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.				
L53	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:54
L54	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:54
L55	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:54
L56	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:54

L57	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:54
L58	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:54
L59	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:54
L60	292	L53 or L54 or L55 or L56 or L57 or L58 or L59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L61	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L62	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L63	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L64	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L65	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L66	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:54
L67	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:54
L68	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:54
L69	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:54
L70	2699853	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2)	USPAT	OR	OFF	2009/09/12 14:54
L71	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:54
L72	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:54
L73	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:54
L74	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:54
L75	2	L74 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:54
L76	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:54
L77	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:54
L78	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:54
L79	1	L78 and certific\$5	USPAT	OR	OFF	2009/09/12 14:54
L80	1	L78 and profile\$2	USPAT	OR	OFF	2009/09/12 14:54
L81	2	L78 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:54
L82	1	"6519571".pn.	USPAT	OR	OFF	2009/09/12 14:54

L83	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:54
L84	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:54
L85	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:54
L86	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:54

L87	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:54
L88	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:54
L89	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:54
L90	292	L83 or L84 or L85 or L86 or L87 or L88 or L89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L91	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:54
L92	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:54
L93	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L94	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:54

L95	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:54
L96	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:54
L97	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:54
L98	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L99	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L100	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L101	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:54
L102	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L103	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L104	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L105	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L106	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L107	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L108	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L109	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:54
L110	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:54
L111	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:54
L112	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L113	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:54
L114	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:54
L115	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:54
L116	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:54
L117	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L118	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L119	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L120	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:54
L121	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L122	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L123	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L124	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L125	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L126	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:54
L127	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:54
L128	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:54
L129	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:54
L130	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:54

L131	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:54
L132	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:54
L133	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:54
L134	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:54

L135	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:54
L136	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:54
L137	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:54
L138	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:54

L139	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:54
L140	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:54
L141	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:54
L142	292	L135 or L136 or L137 or L138 or L139 or L140 or L141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L143	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L144	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L145	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L146	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L147	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L148	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:54
L149	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:54
L150	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:54
L151	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:54
L152	2699853	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2)	USPAT	OR	OFF	2009/09/12 14:54
L153	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:54
L154	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:54
L155	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:54
L156	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:54
L157	2	L156 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:54
L158	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:54
L159	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:54
L160	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:54
L161	1	L160 and certific\$5	USPAT	OR	OFF	2009/09/12 14:54
L162	1	L160 and profile\$2	USPAT	OR	OFF	2009/09/12 14:54
L163	2	L160 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:54

L164	58	("6067548" "6823513" "5815152" "6041306" "6073242" "6839680" "6963573" "6105066" "6721318" "6563830" "6839752" "6366913" "6408336" "6366913" "6754702" "6105066" "6671695" "6816871" "5999911" "5822454" "5301320" "6782379" "6438690" "6675261").pn. "20020023132" "20020066033" "20060159109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L165	94	"20020152244" "20020133516" "20010027439" ("6968503" "6886170" "6748569" "6574675" "6959415" "6457066" "6981212" "6986138" "6859823" "7124354" "7107526" "6662365" "5987611" "7080078" "6067548" "6356996" "6785726" "7216163" "7213249" "7085834" "6816871" "6782379" "6675261" "5940834" "6105006" "6675261" "6748374" "6751797" "6519767" "6587856" "5940834" "6389589" "6275916" "5966702" "6748374" "6751797" "6519767" "6587856" "6173311" "6678733" "5884284" "6571216" "6112181" "5867665" "6854016" "6571279" "6901588" "5901287").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L166	66	("20020053023" "20030110376" "20020099822" "20010002485" "20030065921" "20040049675" "20040002903" "20020138572") ("6044462" "6842863" "6745327" "5903882" "6216231" "6970862" "7058798" "6842863" "6675261" "6782379" "6816871" "7085834" "7213249" "6105066" "6523027" "6643661" "6493702" "6105066" "5831975" "6791949" "6487600" "6104705" "6791949" "6105066" "5831975" "6671853" "6487600" "6104705" "6418446").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L167	62	"20040064356" "20020065701" "20020091836" "20020013777" "20040153509" "20020143949" "20030105654" "20020147801" "20010023440" "20020032684" "20030105654" "20010007133" "20020147801" ("6493731" "5867824" "6632251" "5734837" "6519571" "6728685" "6161139" "6519571" "6061726" "6061726" "6366913" "6141778" "6158010" "6212558" "5987471" "6154776" "6539379" "5991810" "6061740" "6141778" "6158010" "6182142" "6195689").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L168	258	L164 L165 L166 L167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L169	15	L168 and workflow\$2 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L170	18	("6067548" "6073242" "6112181" "6523027" "6675261" "6728685" "6854016" "7085834").pn. "20020138572"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L171	7	L170 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L172	7	L170 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L173	9	L170 and certificate\$2 and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L174	7	L170 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L175	7	L170 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L176	10	L170 and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L177	15	L170 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L178	18	L170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L179	16	L170 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L180	9	L170 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:54

L181	7	L170 and (certificate\$2) and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:54
L182	6	L181 and LDAP	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:54
L183	4	L182 and (identity with system)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:54
L184	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:54
L185	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:54
L186	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:54

L187	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:54
L188	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:54
L189	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:54
L190	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:54

L191	292	L184 or L185 or L186 or L187 or L188 or L189 or L190	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L192	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:54
L193	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:54
L194	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L195	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:54
L196	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:54
L197	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:54
L198	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:54
L199	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L200	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L201	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L202	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:54
L203	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L204	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L205	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L206	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L207	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L208	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L209	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L210	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:54
L211	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:54
L212	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:54
L213	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:54
L214	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:54
L215	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:54
L216	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:54
L217	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:54
L218	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L219	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:54
L220	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:54
L221	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:54
L222	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54

L223	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L224	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L225	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L226	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:54
L227	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:54
L228	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:54

L229	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:54
L230	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:54
L231	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:54
L232	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L233	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L234	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L235	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039"	USPAT	OR	OFF	2009/09/12 14:55

		"5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.				
L236	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L237	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:55
L238	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:55
L239	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:55

L240	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L241	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L242	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:55
L243	292	L236 or L237 or L238 or L239 or L240 or L241 or L242	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L244	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:55
L245	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:55
L246	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L247	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L248	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L249	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:55
L250	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:55
L251	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:55
L252	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:55
L253	2699853	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2)	USPAT	OR	OFF	2009/09/12 14:55
L254	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:55
L255	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:55
L256	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:55
L257	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:55
L258	2	L257 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:55
L259	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:55
L260	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:55
L261	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:55
L262	1	L261 and certific\$5	USPAT	OR	OFF	2009/09/12 14:55
L263	1	L261 and profile\$2	USPAT	OR	OFF	2009/09/12 14:55
L264	2	L261 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:55
L265	1	"6519571".pn.	USPAT	OR	OFF	2009/09/12 14:55

L266	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L267	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:55
L268	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:55
L269	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:55

L270	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L271	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L272	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:55
L273	292	L266 or L267 or L268 or L269 or L270 or L271 or L272	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L274	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:55
L275	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:55
L276	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:55
L277	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:55

L278	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:55
L279	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:55
L280	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:55
L281	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L282	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L283	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:55
L284	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:55
L285	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L286	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L287	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L288	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L289	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L290	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L291	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L292	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:55
L293	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:55
L294	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:55
L295	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:55
L296	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:55
L297	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:55
L298	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:55
L299	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:55
L300	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L301	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L302	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:55
L303	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:55
L304	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L305	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L306	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L307	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L308	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L309	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:55
L310	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:55
L311	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:55
L312	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:55
L313	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:55

L314	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L315	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L316	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L317	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:55

L318	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L319	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:55
L320	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:55
L321	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:55

L322	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L323	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L324	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:55
L325	292	L318 or L319 or L320 or L321 or L322 or L323 or L324	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L326	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:55
L327	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:55
L328	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L329	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L330	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L331	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:55
L332	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:55
L333	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:55
L334	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:55
L335	2699853	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2)	USPAT	OR	OFF	2009/09/12 14:55
L336	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:55
L337	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:55
L338	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:55
L339	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:55
L340	2	L339 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:55
L341	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:55
L342	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:55
L343	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:55
L344	1	L343 and certific\$5	USPAT	OR	OFF	2009/09/12 14:55
L345	1	L343 and profile\$2	USPAT	OR	OFF	2009/09/12 14:55
L346	2	L343 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:55

L347	58	("6067548" "6823513" "5815152" "6041306" "6073242" "6839680" "6963573" "6105066" "6721318" "6563830" "6839752" "6366913" "6408336" "6366913" "6754702" "6105066" "6671695" "6816871" "5999911" "5822454" "5301320" "6782379" "6438690" "6675261").pn. "20020023132" "20020066033" "20060159109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L348	94	"20020152244" "20020133516" "20010027439" ("6968503" "6886170" "6748569" "6574675" "6959415" "6457066" "6981212" "6986138" "6859823" "7124354" "7107526" "6662365" "5987611" "7080078" "6067548" "6356996" "6785726" "7216163" "7213249" "7085834" "6816871" "6782379" "6675261" "5940834" "6105006" "6675261" "6748374" "6751797" "6519767" "6587856" "5940834" "6389589" "6275916" "5966702" "6748374" "6751797" "6519767" "6587856" "6173311" "6678733" "5884284" "6571216" "6112181" "5867665" "6854016" "6571279" "6901588" "5901287").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L349	66	("20020053023" "20030110376" "20020099822" "20010002485" "20030065921" "20040049675" "20040002903" "20020138572") ("6044462" "6842863" "6745327" "5903882" "6216231" "6970862" "7058798" "6842863" "6675261" "6782379" "6816871" "7085834" "7213249" "6105066" "6523027" "6643661" "6493702" "6105066" "5831975" "6791949" "6487600" "6104705" "6791949" "6105066" "5831975" "6671853" "6487600" "6104705" "6418446").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L350	62	"20040064356" "20020065701" "20020091836" "20020013777" "20040153509" "20020143949" "20030105654" "20020147801" "20010023440" "20020032684" "20030105654" "20010007133" "20020147801" ("6493731" "5867824" "6632251" "5734837" "6519571" "6728685" "6161139" "6519571" "6061726" "6061726" "6366913" "6141778" "6158010" "6212558" "5987471" "6154776" "6539379" "5991810" "6061740" "6141778" "6158010" "6182142" "6195689").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L351	258	L347 L348 L349 L350	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L352	15	L351 and workflow\$2 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L353	18	("6067548" "6073242" "6112181" "6523027" "6675261" "6728685" "6854016" "7085834").pn. "20020138572"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L354	7	L353 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L355	7	L353 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L356	9	L353 and certificate\$2 and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L357	7	L353 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L358	7	L353 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L359	10	L353 and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L360	15	L353 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L361	18	L353	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L362	16	L353 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L363	9	L353 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:55

L364	7	L353 and (certificate\$2) and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:55
L365	6	L364 and LDAP	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:55
L366	4	L365 and (identity with system)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:55
L367	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L368	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:55
L369	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:55

L370	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:55
L371	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L372	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L373	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:55

L374	292	L367 or L368 or L369 or L370 or L371 or L372 or L373	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L375	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:55
L376	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:55
L377	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:55
L378	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:55
L379	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:55
L380	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:55
L381	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:55
L382	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L383	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L384	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:55
L385	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:55
L386	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L387	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L388	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L389	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L390	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L391	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L392	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L393	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:55
L394	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:55
L395	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:55
L396	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:55
L397	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:55
L398	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:55
L399	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:55
L400	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:55
L401	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L402	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:55
L403	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:55
L404	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:55
L405	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L406	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L407	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L408	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L409	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L410	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:55
L411	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:55

L412	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:55
L413	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:55
L414	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:55
L415	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L416	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L417	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L418	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039"	USPAT	OR	OFF	2009/09/12 14:55

		"5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.				
L419	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:55
L420	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:55
L421	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:55
L422	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:55

L423	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:55
L424	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:55
L425	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:55
L426	292	L419 or L420 or L421 or L422 or L423 or L424 or L425	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L427	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:55
L428	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:55
L429	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55

L430	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:55
L431	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L432	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:56
L433	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:56
L434	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:56
L435	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:56
L436	2699853	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2)	USPAT	OR	OFF	2009/09/12 14:56
L437	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:56
L438	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:56
L439	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:56
L440	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:56
L441	2	L440 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:56
L442	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:56
L443	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:56
L444	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:56
L445	1	L444 and certific\$5	USPAT	OR	OFF	2009/09/12 14:56
L446	1	L444 and profile\$2	USPAT	OR	OFF	2009/09/12 14:56
L447	2	L444 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:56
L448	1	"6519571".pn.	USPAT	OR	OFF	2009/09/12 14:56

L449	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:56
L450	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:56
L451	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:56
L452	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:56

L453	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:56
L454	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:56
L455	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:56
L456	292	L449 or L450 or L451 or L452 or L453 or L454 or L455	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L457	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:56
L458	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:56
L459	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:56
L460	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:56

L461	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:56
L462	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:56
L463	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:56
L464	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L465	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L466	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:56
L467	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:56
L468	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L469	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L470	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L471	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L472	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L473	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L474	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56

L475	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:56
L476	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:56
L477	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:56
L478	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:56
L479	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:56
L480	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:56
L481	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:56
L482	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:56
L483	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L484	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L485	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:56
L486	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:56
L487	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L488	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L489	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56

L490	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L491	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L492	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:56
L493	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:56
L494	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:56
L495	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:56
L496	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:56

L497	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:56
L498	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:56
L499	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:56
L500	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:56

L501	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:56
L502	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:56
L503	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:56
L504	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:56

L505	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:56
L506	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:56
L507	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:56
L508	292	L501 or L502 or L503 or L504 or L505 or L506 or L507	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L509	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:56
L510	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:56
L511	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56

L512	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L513	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L514	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:56
L515	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:56
L516	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:56
L517	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:56
L518	2699853	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2)	USPAT	OR	OFF	2009/09/12 14:56
L519	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:56
L520	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:56
L521	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:56
L522	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:56
L523	2	L522 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:56
L524	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:56
L525	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:56
L526	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:56
L527	1	L526 and certific\$5	USPAT	OR	OFF	2009/09/12 14:56
L528	1	L526 and profile\$2	USPAT	OR	OFF	2009/09/12 14:56
L529	2	L526 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:56

L530	58	("6067548" "6823513" "5815152" "6041306" "6073242" "6839680" "6963573" "6105066" "6721318" "6563830" "6839752" "6366913" "6408336" "6366913" "6754702" "6105066" "6671695" "6816871" "5999911" "5822454" "5301320" "6782379" "6438690" "6675261").pn. "20020023132" "20020066033" "20060159109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L531	94	"20020152244" "20020133516" "20010027439" ("6968503" "6886170" "6748569" "6574675" "6959415" "6457066" "6981212" "6986138" "6859823" "7124354" "7107526" "6662365" "5987611" "7080078" "6067548" "6356996" "6785726" "7216163" "7213249" "7085834" "6816871" "6782379" "6675261" "5940834" "6105006" "6675261" "6748374" "6751797" "6519767" "6587856" "5940834" "6389589" "6275916" "5966702" "6748374" "6751797" "6519767" "6587856" "6173311" "6678733" "5884284" "6571216" "6112181" "5867665" "6854016" "6571279" "6901588" "5901287").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L532	66	("20020053023" "20030110376" "20020099822" "20010002485" "20030065921" "20040049675" "20040002903" "20020138572") ("6044462" "6842863" "6745327" "5903882" "6216231" "6970862" "7058798" "6842863" "6675261" "6782379" "6816871" "7085834" "7213249" "6105066" "6523027" "6643661" "6493702" "6105066" "5831975" "6791949" "6487600" "6104705" "6791949" "6105066" "5831975" "6671853" "6487600" "6104705" "6418446").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L533	62	"20040064356" "20020065701" "20020091836" "20020013777" "20040153509" "20020143949" "20030105654" "20020147801" "20010023440" "20020032684" "20030105654" "20010007133" "20020147801" ("6493731" "5867824" "6632251" "5734837" "6519571" "6728685" "6161139" "6519571" "6061726" "6061726" "6366913" "6141778" "6158010" "6212558" "5987471" "6154776" "6539379" "5991810" "6061740" "6141778" "6158010" "6182142" "6195689").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L534	258	L530 L531 L532 L533	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56

L535	15	L534 and workflow\$2 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L536	18	("6067548" "6073242" "6112181" "6523027" "6675261" "6728685" "6854016" "7085834").pn. "20020138572"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L537	7	L536 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L538	7	L536 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L539	9	L536 and certificate\$2 and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L540	7	L536 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L541	7	L536 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L542	10	L536 and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L543	15	L536 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L544	18	L536	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L545	16	L536 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L546	9	L536 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:56

L547	7	L536 and (certificate\$2) and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:56
L548	6	L547 and LDAP	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:56
L549	4	L548 and (identity with system)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:56
L550	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:56
L551	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:56
L552	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:56

L553	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:56
L554	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:56
L555	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:56
L556	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:56

L557	292	L550 or L551 or L552 or L553 or L554 or L555 or L556	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L558	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:56
L559	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:56
L560	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:56
L561	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:56
L562	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:56
L563	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:56
L564	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:56
L565	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L566	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L567	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:56
L568	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:56
L569	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L570	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L571	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L572	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L573	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56

L574	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L575	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L576	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:56
L577	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:56
L578	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:56
L579	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:56
L580	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:56
L581	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:56
L582	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:56
L583	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:56
L584	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L585	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:56
L586	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:56
L587	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:56
L588	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56

L589	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L590	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L591	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L592	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:56
L593	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:56
L594	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:56

L595	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:57
L596	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:57
L597	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:57
L598	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:57
L599	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:57
L600	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:57
L601	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039"	USPAT	OR	OFF	2009/09/12 14:57

		"5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.				
L602	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:57
L603	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:57
L604	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:57
L605	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:57

L606	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:57
L607	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:57
L608	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:57
L609	292	L602 or L603 or L604 or L605 or L606 or L607 or L608	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L610	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:57
L611	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:57
L612	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57

L613	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L614	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L615	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:57
L616	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:57
L617	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:57
L618	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:57
L619	2699853	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2)	USPAT	OR	OFF	2009/09/12 14:57
L620	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:57
L621	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:57
L622	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:57
L623	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:57
L624	2	L623 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:57
L625	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:57
L626	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:57
L627	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:57
L628	1	L627 and certific\$5	USPAT	OR	OFF	2009/09/12 14:57
L629	1	L627 and profile\$2	USPAT	OR	OFF	2009/09/12 14:57
L630	2	L627 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:57
L631	1	"6519571".pn.	USPAT	OR	OFF	2009/09/12 14:57

L632	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:57
L633	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:57
L634	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:57
L635	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:57

L636	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:57
L637	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:57
L638	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:57
L639	292	L632 or L633 or L634 or L635 or L636 or L637 or L638	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L640	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:57
L641	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:57
L642	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:57
L643	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:57

L644	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:57
L645	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:57
L646	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:57
L647	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:57
L648	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:57
L649	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:57
L650	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:57
L651	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L652	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L653	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L654	2	"5581691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L655	2	"5999911".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L656	2	"6138104".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L657	2	"6073109".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57

L658	32	("6131120" "5581691" "5999911" "6138104" "6073109" "5903882" "6223291" "6367013" "5944824" "6347312" "5077666" "5455953" "5530861" "5581691" "5678041" "5692125" "5708780" "5764890" "5991810" "5999911" "6073109" "6098056" "6131120" "6138104" "6141778" "6151531" "6158010" "6182142" "6208986" "6212558" "6256739" "6266420" "6338097" "6366913" "6434531" "6442567" "6539379").pn.	USPAT	OR	OFF	2009/09/12 14:57
L659	14	certificate same enrollment same renewal same revocation same (workflow or workflows)	USPAT	OR	OFF	2009/09/12 14:57
L660	18	certificate same enrollment same renewal same revocation	USPAT	OR	OFF	2009/09/12 14:57
L661	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:57
L662	20	request same workflow\$2 same certificate	USPAT	OR	OFF	2009/09/12 14:57
L663	5301	workflow\$2	USPAT	OR	OFF	2009/09/12 14:57
L664	407	request and workflow\$2 and certificate	USPAT	OR	OFF	2009/09/12 14:57
L665	29	request and workflow\$2 and certificate and directives	USPAT	OR	OFF	2009/09/12 14:57
L666	16	(request with action) and (retrieve with (rule\$2 or workflow\$2 or guideline\$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:57
L667	20	(request\$2 with action\$2) and (retrieve with (rule\$2 or workflow\$2 or guideline \$2)) and certificate	USPAT	OR	OFF	2009/09/12 14:57
L668	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:57
L669	62	employing and electronic and certificate and workflows	USPAT	OR	OFF	2009/09/12 14:57
L670	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L671	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L672	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57

L673	169	("5301320" "5734837" "5822454" "5831975" "5867665" "5867824" "5884284" "5907837" "5940834" "5960422" "5961593" "5966702" "5987457" "5991768" "5991807" "6012098" "6044462" "6061726" "6061740" "6073242" "6105063" "6105066" "6112181" "6154776" "6173311" "6195689" "6195696" "6041306" "6216231" "6219667" "6223291" "6263332" "6263363" "6275916" "6292833" "6295061" "6304949" "6317783" "6330569" "6336124" "6336214" "6339826" "6389589" "6397232" "6408336" "6457066" "6493702" "6493731" "6507857" "6519571" "6519767" "6523027" "6539021" "6542515" "6564370" "6571216" "6571279" "6574675" "6587856" "6591260" "6606644" "6632251" "6643661" "6671695" "6675261" "6678733" "6728685" "6745327" "6748374" "6748569" "6751797" "6754702" "6782379" "6785726" "6791949" "6816871" "6842863" "6854016" "6886170" "6901588" "6959415" "6968503" "6970862").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L674	91	"20040153509" "20040049675" "20040064356" "20040002903" "20030110376" "20030065921" "20020138543" "20020138572" "20020138577" "20020138763" "20020143865" "20020143943" "20020147746" "20020147801" "20020147813" "20020152244" "20020152254" "20020158679" "20020166049" "20020184444" "20010023440" "20010027439" "20010049770" "20020053023" "20020062435" "20020065701" "20020078307" "20020091836" "20020099822" "20020103819" "20020108003" "20020129024" "20020129135" "20020129177" "20020133516" "20010002485" "20010007133"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L675	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:57
L676	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:57
L677	1	"6061726".pn.	USPAT	OR	OFF	2009/09/12 14:57
L678	2	"6061726".pn. "6173311".in. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:57
L679	3	"6061726".pn. "6173311".pn. "6854016".pn.	USPAT	OR	OFF	2009/09/12 14:57

L680	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:57
L681	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:57
L682	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:57
L683	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:57

L684	42	("5955717" "6246771" "6292830" "5590197" "5602918" "6233341" "6366682" "5764789" "5915023" "5999626" "6327578" "5953421" "5903882" "6131090" "5960086" "5796841" "6134328" "5764767" "6175922" "6158007" "5870723" "6594376" "5784459" "6853988" "4868877" "6253193" "6363488" "6389402" "6127140" "6718167" "6738912" "5188356" "5721777" "5790669" "5870473" "5745574" "6233565" "4955044" "5642420" "5917913" "6138107" "6789189").pn.	USPAT	OR	OFF	2009/09/12 14:57
L685	42	("6002768" "6100823" "6190679" "5260941" "6154879" "5591949" "5696823" "5623637" "6209016" "6298135" "6199762" "5659616" "6393565" "6000832" "6142690" "6317700" "6151677" "6193152" "5778071" "5864667" "5903651" "5982898" "6282649" "6301658" "6308277" "6367013" "6430688" "6442689" "6745327" "6049878" "5799088" "5790677" "6230269" "6560581" "6105012" "6415271" "5978918" "4521879" "5008827" "5742756" "6202157" "4928001").pn.	USPAT	OR	OFF	2009/09/12 14:57
L686	42	("6834272" "5677955" "5535276" "5737419" "5748735" "5889861" "5265164" "5481613" "5796830" "5923756" "6072876" "6198824" "5517567" "5615268" "5815573" "5933503" "5937066" "5974150" "6052469" "6122712" "6202150" "4525805" "5204901" "5237571" "5541994" "5604801" "5633929" "5675649" "5680460" "5748738" "5799086" "5832091" "5841865" "5850451" "5857022" "5867578" "5872849" "5982899" "6009177" "6134658" "6134327" "6167521").pn.	USPAT	OR	OFF	2009/09/12 14:57
L687	42	("5214691" "5216715" "5222136" "5311595" "5379280" "5392353" "5408526" "5412723" "5418854" "5440635" "5448634" "5497421" "5689565" "5778070" "5812764" "5841868" RE36310 "6038551" "6041123" "6233337" "6247127" "6256734" "6282295" "6282648" "6285991" "6289453" "6292569" "6307935" "6314521" "6339828" "6345098" "6385728" "6393126" "6408389" "6411716" "6424718" "6425011" "6442696" "6466048" "6473508" "6476351" "6477370").pn.	USPAT	OR	OFF	2009/09/12 14:57

L688	41	("5936865" "6385504" "6091835" "6188882" "6212634" "6212634" "4996711" "5883956" "4465904" "4864616" "5663896" "5712800" "6018582" "6081597" "6260544" "6397328" "5546463" "5878112" "6438691" "6453416" "6609111" "6038318" "6195751" "6314517" "5923813" "5943423" "5571122" "6128738" "5293424" "5379344" "5406624" "5640452" "5818030" "6078888" "6185307" "6240512" "6243816" "6289455" "6317500" "4995081" "5261002" "5892828").pn.	USPAT	OR	OFF	2009/09/12 14:57
L689	39	("6108788" "6230266" "6256741" "6311171" "6213391" "6213391" "4825050" "5983207" "6028940" "6385725" "6438235" "6820199" "6820202" "6192173" "6716470" "5968142" "6209093" "5966444" "6163841" "5872848" "6047072" "6085322" "6085320" "6108783" "6111956" "6151395" "6189098" "4944007" "5446972" "5539826" "5588060" "5633933" "5699131" "5896155" "5907618" "5923763" "6061790" "6061790" "6081893" "6141423" "6216229" "6216229").pn.	USPAT	OR	OFF	2009/09/12 14:57
L690	50	("6789189" "4928001" "6167521" "6477370" "5892828" "6216229" "6353812" "6236854" "6215872" "6487294" "1879717" "6237096" "6269348" "6397329" "6215872" "6108644" "4926480" "4032931" "5949882" "6108336" "6446052" "5557665" "5001752" "5953422" "6732277" "4805216" "6081610" "4782482" "5214702" "5960084" "6880079" "4926478" "4999742" "5825300" "5237611" "6212635" "6349338" "5005200" "6012039" "5852666" "5432848" "6212635" "6351812" "5204894" "6192142" "6002929" "5455862" "5850442" "6608820" "5201902" "5612889" "6032260").pn.	USPAT	OR	OFF	2009/09/12 14:57
L691	292	L684 or L685 or L686 or L687 or L688 or L689 or L690	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L692	20	request same workflow same certificate	USPAT	OR	OFF	2009/09/12 14:57
L693	229	request same certificate same (enroll\$4 or renew\$2 or revok\$5)	USPAT	OR	OFF	2009/09/12 14:57
L694	566	teng-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57

L695	18	remahl-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L696	161	sinn-r\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L697	4	sinn.in. and certificate	USPAT	OR	OFF	2009/09/12 14:57
L698	1226	certification and profile and user and type	USPAT	OR	OFF	2009/09/12 14:57
L699	2750	certificate\$2 and profile\$2 and user\$2 and type\$2	USPAT	OR	OFF	2009/09/12 14:57
L700	201	sinn.in.	USPAT	OR	OFF	2009/09/12 14:57
L701	69	(workflow\$2 or schema\$2 or scheme\$2 or plan\$2 or schematic\$2) same certificate\$2 same action\$2	USPAT	OR	OFF	2009/09/12 14:57
L702	1	"09999074".rlan. or ("09".src. and "999074".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/09/12 14:57
L703	4	("5999911" "5581691" "5734837" "6519571").pn. "20020013777"	USPAT	OR	OFF	2009/09/12 14:57
L704	9	("5999911" "5581691" "5734837" "6519571").pn. "20020013777" "6493731".pn. "20040064356" "5876824".pn. "6632251".pn. "20020065701" "20020091836" "20040153509" "5734837".pn. "6519571".pn. "6728685".pn.	USPAT	OR	OFF	2009/09/12 14:57
L705	2	L704 and certificat\$5	USPAT	OR	OFF	2009/09/12 14:57
L706	1	"5999911".pn.	USPAT	OR	OFF	2009/09/12 14:57
L707	0	"5999911".pn. and certif\$4	USPAT	OR	OFF	2009/09/12 14:57
L708	3	"5999911".pn. "5581691".pn. "6519571".pn.	USPAT	OR	OFF	2009/09/12 14:57
L709	1	L708 and certific\$5	USPAT	OR	OFF	2009/09/12 14:57
L710	1	L708 and profile\$2	USPAT	OR	OFF	2009/09/12 14:57
L711	2	L708 and workflow\$2	USPAT	OR	OFF	2009/09/12 14:57

L712	58	("6067548" "6823513" "5815152" "6041306" "6073242" "6839680" "6963573" "6105066" "6721318" "6563830" "6839752" "6366913" "6408336" "6366913" "6754702" "6105066" "6671695" "6816871" "5999911" "5822454" "5301320" "6782379" "6438690" "6675261").pn. "20020023132" "20020066033" "20060159109"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L713	94	"20020152244" "20020133516" "20010027439" ("6968503" "6886170" "6748569" "6574675" "6959415" "6457066" "6981212" "6986138" "6859823" "7124354" "7107526" "6662365" "5987611" "7080078" "6067548" "6356996" "6785726" "7216163" "7213249" "7085834" "6816871" "6782379" "6675261" "5940834" "6105006" "6675261" "6748374" "6751797" "6519767" "6587856" "5940834" "6389589" "6275916" "5966702" "6748374" "6751797" "6519767" "6587856" "6173311" "6678733" "5884284" "6571216" "6112181" "5867665" "6854016" "6571279" "6901588" "5901287").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
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L717	15	L716 and workflow\$2 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
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L720	7	L718 and certificate\$2 and (enroll\$4 renew\$3 revocat\$4) and workflow\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L721	9	L718 and certificate\$2 and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
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L725	15	L718 and user\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
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L727	16	L718 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/12 14:57
L728	9	L718 and (certificate\$2 enroll\$4 renew \$3 revocat\$4 workflow\$2 user\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:57

L729	7	L718 and (certificate\$2) and (enroll\$4 renew\$3 revocat\$4) and workflow\$2 and user\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:57
L730	6	L729 and LDAP	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:57
L731	4	L730 and (identity with system)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/12 14:57

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